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BIBLIOGRAPHY OF AGRICULTURE

with SUBJECT INDEX

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ORYX PRESS

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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BIBLIOGRAPHY OF AGRICULTURE

with SUBJECT INDEX

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

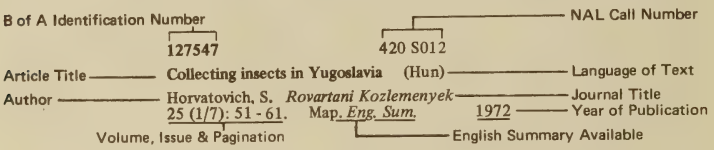
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

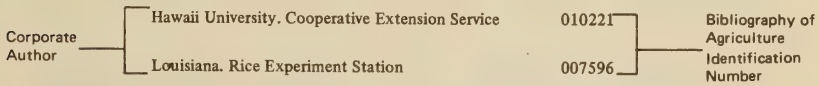
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the subsections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

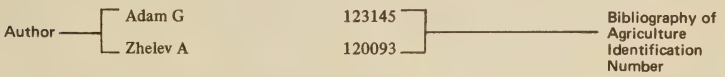
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES
Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693
The **cheese** *industry*. 227819
Information for the consumer and advertising abroad of typical *Italian* **cheeses** [Prices]. 227689
Not enough to produce—Sale of *Italian* **cheeses** urgency of modern forms and efficient structures [Prices, trade].

Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A Coop Ext Programs Univ Wis
A E Ext Dep Agric Econ N Y State Coll Agric Contract Coll State Univ Cornell Univ
A S A Spec Publ Am Soc Agron
Abh Senckenb Naturforsch Ges
Acad Agric Fr C R Seances
Acta Agric Scand
Acta Amazonica
Acta Bot
Acta Bot Isl
Acta Bot Sin
Acta Endocrinol
Acta For Fenn
Acta Histochem
Acta Hortic
Acta Mycol
Acta Oecon
Acta Physiol Scand
Acta Phytopathol
Acta Sci Vys Sk Zemed Provozne Ekon Fak Cesk Budejovicich
Acta Vet Scand
Acta Zool Lillo
Acta Zool Pathol Antverp
Actual Econ
Actuel Dev
Adult Leadership
Adv Agron
Adv Appl Microbiol
Advis Leafl G B Minist Agric Fish Food
Afrikanerbees J
AGR Ky Univ Dep Agron
Agrar Tud Egy Kozl (Godollo)
Agric Econ Rep Dep Agric Econ Mich State Univ
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Econ Res
Agric Educ
Agric Eng (St Joseph, Mich)
Agric Ferrar
Agric Gaz N S W
Agric Groupe
Agric Handb U S Dep Agric
Agric Hortic
Agric Inf Bull U S Dep Agric
Agric Ital
Agric Merch
Agric Meteorol
Agric North Irel
Agric Res
Agric Situat U S Dep Agric Stat Rep Serv
Agrochemia (Bratisl)
Agrohemija
Agron Dep Mimeogr Ser Ohio Agric Res Dev Cent Dep Agron
Agron J
Agron Lusit
Alberta Hog J
Alimenta
Aliso
Am Bee J
Am Dairy Rev
Am J Agric Econ
Am J Anat
Am J Bot
Am J Nursing
Am J Physiol
Am J Public Health
Am J Vet Res
Am Midl Nat
Am Mink Breeder Mag
Am Nat
Am Nurserym
Am Veg Grow
Amer J Clin Nutr
Amino-acids Pept Proteins
An Asoc Quim Argent
An Col Of Vet Prov
An Inst Hig Med Trop
An Soc Rural Argent
Anal Biochem
Angew Chem
Angew Makromol Chem
Anim Blood Groups Biochem Genet
Anim Breed
Anim Prod
Ann Acad Sci Fenn, Ser A, IV Biol
Ann Agron
Ann Appl Biol
Ann Arid Zone Arid Zone Res Assoc India
Ann Biol Anim Biochim Biophys
Ann Entomol Soc Am
Ann Falsif Expert Chim
Ann Gembloux
Ann Immunol
Ann Microbiol
Ann Mo Bot Gard
Ann N Y Acad Sci
Ann Phytopathol Soc Jap
Ann Rep Hokkaido Branch Gov For Exp Stn
Ann Sci For
Ann Tab Sect 2
Annot Bibl Commonw Bur Agric Econ
Annu Cattle Feed Day (S D State Univ)
Annu For Symp La State Univ Div Contin Educ
Annu Meet Am Anim Hosp Assoc
Annu Rep Am Mus Nat Hist
Annu Rep Glasshouse Crops Res Inst
Annu Rep Secr State Hortic Soc Mich
APE, Riv Svizz Apic
Apiacta
Appl Anim Ethology
Appl Microbiol
Appl Polym Symp
Aquaculture
Aquat Bot
Arable Farming
Arbeiten Hohenheim Univ
Arbor Rev Minn Univ Agric Ext Serv
Arboric Fruit
Arch Acker- Pflanzenbau Bodenkd
Arch Biochem Biophys
Arch Microbiol
Arch Phytopathol Pflanzenschutz
Arch Tierz
Arch Toxikol
Arch Vet Ital
Arecanut Spices Bull
Arkansas Farm Res
Arnoldia
ARS-NC Agric Res Serv U S Dep Agric
ARS-NE U S Agric Res Serv Northeast Reg
ARS-S U S Agric Res Serv South Reg
Atalanta Norv
Atmos Environ
Audiovisual Instruction
Audubon
Ausbild Berat Land Hauswirtsch
Aust Beekeep
Aust Entomol Mag
Aust For
Aust For Ind J
Aust J Agric Res
Aust J Biol Sci
Aust J Chem
Aust J Dairy Technol
Aust J Exp Agric Anim Husb
Aust J Soil Res
Aust Vet J
Aust Wine Brewing & Spirit Rev
Avian Pathol
B Coop Ext Programs Univ Wisc
Bakers Dig
Baromfiipar
Baromfitenyesztes
Bayer Landwirtsch Jahrb
Bedrijfsontwikkeling
Bee Craft
Ber Arbeitstag Fragen Gulle
Ber Landwirtsch (Hamburg)
Ber Landwirtsch Sonderh Ger (Fed Repub) Minist Ernahr Landwirtsch Forsten
Beret Landsudv Fjerkreavlen
Beret Statens Forsogsmejeri
Biatas, The Tillage Farmer
Bibliogr Ser Inst Pap Chem
Biene
Bienenwelt
Big Farm Manage
Bi-mon Res Can For Serv
Biochem Biophys Res Commun
Biochem J
Biochemistry (Easton)
Biochemistry (N Y)
Biochim Biophys Acta
Biogeographica
Biol Bull
Biol Conserv
Biol Kozl
Biol Skr K Dan Vidensk Selsk
Biologia, Ser A Bot
Biologia, Ser B Zool
Biom Z
Biophys J
Biopolymers
BIOS
BioScience Am Inst Biol Sci
Biosynthesis
Biotechnol Bioeng
Boissiera
Bol Agropecu
Bol Of Sanit Panam
Bol Soc Geogr Lisb
Boll Chim Farm
Bonn Zool Beitr
Bosbou S Afr
Bot Gaz
Bot J Linn Soc
Bot Mag
Botyu Kagaku
Br Bee J
Br Food J
Br J Nutr
Br Poult Sci
Br Vet J
Branntweinwirtschaft
Brauwelt
Brittonia
Broil Ind
Bryologist
Bull A Ariz Univ Coll Agric Ext Serv
Bull A S P S (Afr Suc Plant Soc)
Bull Acad Sci USSR, Div Chem Sci
Bull Acad Vet Fr
Bull Azabu Vet Coll
Bull B Agric Exp Stn Okla State Univ
Bull Conn Univ Coop Ext Serv
Bull Coop Ext Serv Univ Ga Coll Agric
Bull Dep Agric Econ N D Agric Exp Stn N D State Univ Agric Appl Sci
Bull Dep Agric Econ S C Agric Exp Stn Clemson Univ Coop Mark Econ Div Econ Res Serv U S Dep Agric
Bull Entomol Res
Bull Entomol Soc Am
Bull Environ Contam Toxicol
Bull Fac Agric Meiji Univ
Bull Fla Agric Exp Stn Inst Food Agric Sci Univ Fla Gainesville
Bull For Dep Perth West Aust
Bull Fr Piscic
Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Bull Inf CNEEMA (Cent Natl Etud Exp Mach Agric)
Bull Inf Rizic Fr
Bull Inst Dev Stud
Bull Inst Int Froid
Bull Inst Tech Porc
Bull Int Assoc Sci Hydrol
Bull Jap Soc Sci Fish
Bull La State Univ Agric Mech Coll Dep Agron Agric Exp Stn
Bull Mens Soc Linn Lyon
Bull Miss Agric For Exp Stn
Bull Natl Grassl Res Inst
Bull Pa State Univ Coll Agric Agric Exp Stn
Bull Res Div, Va Polytech Inst State Univ
Bull Soc Bot Fr
Bull Soc Sci Vet Med Comp Lyon
Bull State Ill Dep Regist Educ Ill State Water Surv
Bull Storrs Agric Exp Stn Coll Agric Nat Resour Univ Conn Storrs
Bull Tech Inst Natl Rech Agron Dep Genet Anim
Bull Tex Agric Exp Stn Coll Stn
Bull Zool Nomencl
C Coop Ext Serv Max C Fleischmann Coll Agric Univ Nev Reno
C I H Descr Plant-Parasit Nematodes Commonw Inst Helminthol
Cac Suc J
Cac Suc Mex
Cah Bleus Vet
Cah Ing Agron
Cah Med Vet
Cah Ser Pedol ORSTOM (Off Rech Sci Tech Outre-Mer)
Calif Agric
Calif Plant Pathol Univ Calif Agric Ext
Calif Sugar Beet
Can Agric Eng
Can Farm Econ
Can J Anim Sci
Can J For Res
Can J Microbiol
Can J Physiol Pharmacol
Can J Zool
Can Plant Dis Surv Can Dep Agric Res Branch
Carbohydr Res
Catalyst for Change
Cattleman
CCP F A O
Cell Mass Inst Technol
Cell Tissue Kinet
Cell Tissue Res
Cenicafe
Cereal Foods World
Chem Pharm Bull
Chemosphere
Childhood Ed
Christmas Trees
Chromosoma
Cienc Cult Soc Bras Para Progr Cienc
Circ Clemson Univ Coop U S Dep Agric Ext Serv
Circ Coop Ext Ser Univ Ga Coll Agric
Circ Coop Ext Serv Coll Agric Univ Ill
Circ N C Agric Ext Serv
Circ Wash Agric Exp Stn
Clin Pediatrics
Clin Toxicol
Coconut Bull
Commercial Kitchen & Dining Room
Comp Biochem & Physiol A, Comp Physiol
Comp Biochem & Physiol B, Comp Biochem
Comp Biochem & Physiol C, Comp Pharmacol
Comun Ser Prod Veg Inst Nac Invest Agrar
Conf Food Agric Organ U N
Connaiss Vigne Vin
Control Ser Va Polytech Inst State Univ Coop Ext Serv
Cornell Hotel Restaurant Admin Quarterly
Coton Fibres Trop
Cotton Dev
Cotton Res Rep (Swaziland)
Counc Food Agric Organ U N CL
Countryside & Small Stock J
Courr Norm
Cow Moos
Cranberries
Crop Bull Can Grain Comm Grain Comm Res Lab (Winnipeg)
Crop Sci
Crops Soils
CSIRO Food Res Q
Ctry Life
Cuban J Agric Sci
Cultivar
Curr Sci
D A E Res Rep Dep Agric Econ Agribus La State Univ Agric Mech Coll Agric Exp Stn
Dairy Herd Manage
Dairy Notes Calif Univ Agric Ext Serv
Dairyman (Armadale)
Dan Erhvervsfjerkrae
Dan Pelsdyravl
Dasika Chron
Dev Biol
Dev Econ
Dev Grow Differ Differentiation
Dig Int J Gastroenterol
Div Soils Tech Pap C S I R O
Doc Int Dairy Fed

Doc Trab F A O
Dokl Vses Akad S-kh Nauk
Driemaand Publ Belg Inst Ver
Drug Metab Dispos Biol Fate Chem
Dtsch Milchwirtsch
Dtsch Molk Ztg
Dtsch Muller Ztg
Dtsch Tierarztebl
Ecol Model
Ecol Monogr
Ecol Res Ser EPA U S Environ Prot Agency
Ecology (Durham)
Econ & Polit Wkly
Econ Agric
Econ Idaho Agric
Econ Mark Inf Mo Agric Dep Agric Econ Coop Ext Serv Univ Mo
Econ Plann
EM Coop Ext Serv Coll Agric Wash State Univ
Endocrinology
ENT Univ Ky Coll Agric Coop Ext Serv
Entomol Ger
Entomol Rec J Var
Entomol Rev
Entomol Z
Entomops
Environ & Plann
Environ Aff
Environ Entomol
Environ Pollut
Environ Res
Environ Sci Tech
Enzyme
Equip Dev Test Rep U S Dep Agric For Serv Equip Dev Cent (Calif)
Equip Tips
Erdo
ERFA (Erdogazdasag Faipar)
ERS Foreign Reg Anal Div Econ Serv U S Dep Agric
ERS U S Dep Agric Econ Res Serv
Etud CNEEMA (Cent Natl Etud Exp Mach Agric)
Etud Rurales Ec Prat Hautes Etud
Eur J Biochem
Eur J Pharmacol
Eur Rev Agric Econ
Europ J Immunol
Exp Agric
Exp Cell Res
Exp Gerontol
Exp Mol Pathol
Exp Parasitol
Experientiae
Explor Econ Hist
Ext Bull Agric Ext Serv Univ Minn
Ext Bull ASPAC Food Fert Technol Cent (Asian Pac Counc)
Ext Bull Mich State Univ Coop Ext Serv
Ext Circ Ext Serv Oreg State Univ
Ext Fol Agric Ext Serv Univ Minn
Ext Hum Agric Ext Serv Univ Minn
Faipar
FAO Agric Stud
FAO Libr Occas Bibliogr
Farm Chem
Farm J (Calcutta)
Farm Mach
Farm Manage
Farm Manage Rev
Farm Policy
Farm Real Estate Taxes
Farmer Parliament
Farmers Bull U S Dep Agric
FATUS (Foreign Agric Trade U S)
Faune Madagascar
FCS Inf U S Dep Agric Farmer Coop Serv
FDA Consumer
Fed Proc Fed Am Soc Exp Biol
Feed Situation
Feedstuffs
Feline Pract
Fert Mark News
Fert Solu
Fieldiana Bot
Fjorfe
Florists Rev
FNS U S Dep Agric Food Nutr Serv
Folia For
Food Eng
Food Management
Food Manuf
Food Nutr
Food Nutr Notes Rev
Food Process Ind
Food Res Inst Stud Agric Econ Trade Dev
Food Serv Mark
Food Technol
Food Technol Aust
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NIZO Rapp (Ned Inst Zuivelonderz Ede)
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Outlook Agric
Outstate Test Circ Nebr Agric Exp Stn
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P R Tex Agric Exp Stn Coll Stn
PA U S Dep Agric
Pag Bull
PAG Bull Protein-Calorie Advis Group U N Syst
Pap Am Soc Agric Eng
Pap Puu
Papua New Guinea Agric J
Parasitology
Parfumerie & Kosmet
PB Natl Tech Inf Serv Commer
PB U S Natl Tech Inf Serv
PCT Pest Control Technol
Peanut Farmer
Peanut J Nut World
Pecan Q
Pecan South
Pediatric Annals
Pediatrics
Pedobiologia
Pedologie
Pepinier Hortic Maraich
Personnel J
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Pesticides
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Pharm Chem J
Pharmacology
Philos Trans R Soc Lond, Ser B Biol Sci
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Phytochemistry
Phytomorphology
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Plant Cell Physiol
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Plant Dis Rep
Plant Genet Resour Newsl
Plant Med
Plant Med Phytother
Plant Physiol
Plant Prot Bull (Rome)
Plant Sci Lett
Plant Soil
Plant Syst Evol
Planta
PM Coop Ext Serv Iowa State Univ
Pochvovedenie
Pochvozn Agrokhim
Pollut Eng
Pol'nohospodarstvo
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Poult Advis
Poult Patter Agric Ext Serv Univ Minn
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Proc Annu Meet North Cent Branch Entomol Soc Am
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Proc Fert Soc Lond
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Proc Inst Food Sci Technol (U K)
Proc Iowa Acad Sci
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Proc Northwest Wood Prod Clin
Proc Nutr Soc
Proc Okla Acad Sci
Proc Queensl Soc Sugar Cane Technol
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Proc Trans Br Entomol Nat Hist Soc
Process Biochem
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Vini d'Italia
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Virology
VM SAC (Vet Med Small Anim Clin)
Vodn Resur
Vopr Pitan
VP X Environ Can For Serv
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WAA, World Agric Aviat
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Wien Tierarztl Monatsschr
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Zentralbl Bakteriol Parasitenkd Infektionskr Hyg, I Abt Orig, reihe A Med Mikrobiol Parasitol
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The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

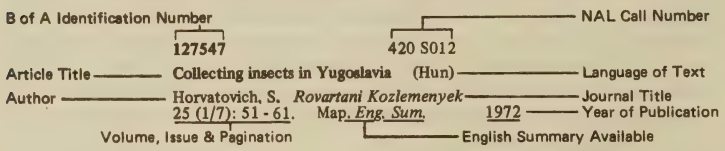
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
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(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
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(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the sub-sections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

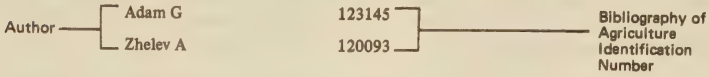
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

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Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

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LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A A G Bijdr Wageningen Landbouwhogesch Afd Agrar Geschiedenis
A Coop Ext Programs Univ Wis
A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y State Coll Agric
Abeille Fr Apicul
Acad Agric Fr C R Seances
Acta Agric Scand
Acta Aliment Pol
Acta Biol (Budap)
Acta Bot Croat
Acta Bot Sin
Acta Chem Scand Ser B Org Chem Biochem
Acta Entomol Bohemoslov (
Acta For Fenn
Acta Hortic
Acta Hydrobiol
Acta Microbiol Pol, Ser B Microbiol Appl
Acta Palaeobot
Acta Pathol Microbiol Scand, Sect A Pathol
Acta Physiol Scand
Acta Phytopathol
Acta Vet (Belgr)
Acta Zool Cracov
Acta Zool Cracov (Transl)
Acta Zool Fenn
Acta Zool Pathol Antverp
ADAS Q Rev (Agric Dev Advis Serv)
Adv Biophys
Adv Lipid Res
Adv Parasitol
Advis Leafl G B Minist Agric Fish Food
Aerial Appl
Ag Stat N D Crop Livest Rep Serv
Agrar Rundsch
Agrarpreise Stat Off Eur Communities
Agrarstatistik Stat Off Eur Communities
Agrartechnik
Agrarwirtschaft
Agrekon
Agric Agroind J
Agric Biol Chem
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Educ
Agric Elev Morbihan
Agric Eng (St Joseph, Mich)
Agric Enterp Stud Engl Wales Econ Rep
Agric Handb U S Dep Agric
Agric Inf Bull U S Dep Agric
Agric Libr Inf Notes
Agric Merch
Agric Meteorol
Agric North Irel
Agric Res
Agric Tec Mex
Agricoltura
Agriculture (Paris)
Agrochimica
Agron Lusit
Aktuel Lantbrukshogsk (Upps)
Aktuel Litinf Obstbau Berlin Tech Univ Bibl
Alexanor
Allg Dtsch Imkerztg
Am Bee J
Am Christmas Tree J
Am Dairy Rev
Am Fern J
Am For
Am J Agric Econ
Am J Clin Nutr
Am J Econ Sociol
Am J Nursing
Am J Physiol
Am J Public Health
Am J Vet Res
Am Mink Breeder Mag
Am Orchid Soc Bull
Am Potato J
Am Sci
Am Veg Grow
Amer School Board J
AMS U S Dep Agric Agric Mark Serv
An Soc Rural Argent
Anal Biochem
Anal Chim Acta
Angew Chem Int Ed Engl
Angew Parasitol
Ann Amelior Plant
Ann Assoc Am Geogr
Ann Biol Anim Biochim Biophys
Ann Bot
Ann Entomol Fenn
Ann Entomol Soc Am
Ann Falsif Expert Chim
Ann Inst Phytopathol Benaki
Ann N Y Acad Sci
Ann Nutr Aliment
Annee Biol
Anz Schadlingskd Pflanzenschutz
APE, Riv Svizz Apic
APHIS-81 U S Anim Plant Health Insp Serv (
APHIS-91 U S Anim Plant Health Insp Serv
Apic Mod
Apicultura
Appl Entomol Zool
Appl Microbiol
Appl Sol Energy
Appl Spectrosc
Arable Farming
Arch Anat Microsc Morphol Exp
Arch Biochem Biophys
Arch Environ Health
Arch Int Pharacodyn Ther
Arch Pharm (Berlin)
Arch Toxikol
Arch Zool Exp Gen
Arkansas Cattle Bus
Arkh Anat Gistol Embriol
Arnoldia Rhod
ARS-NC Agric Res Serv U S Dep Agric
ARS-NE U S Agric Res Serv Northeast Reg
ARS-S U S Agric Res Serv South Reg
ARS-W Agric Res Serv U S Dep Agric
Astarte
Astra Protein Letter
Atherosclerosis
Atmos Environ
Audiovisual Instruction
Auk
Aust Beekeep
Aust For Ind J
Aust J Agric Econ
Aust J Agric Res
Aust J Bot
Aust J Exp Biol Med Sci
Aust J Zool
Aust J Zool, Suppl Ser
Aust Sugar J
Avian Dis
Avian Pathol
B Coop Ext Programs Univ Wisc
B S B I Conf Rep (Bot Soc Br Isles)
Bee Craft
Behav Ecol Sociobiol
Behaviour
Beitr Geobot Landesaufn Schweiz Schweiz Naturforsch Ges Pflanzengeogr Komm
Belg Apic
Belg Lait
Belmontia New Ser
Ber Dtsch Bot Ges
Ber Naturhist Ges Hannover
Better Crops Plant Food
Biatas, The Tillage Farmer
Biene
Bienenvater
Biochem Biophys Res Commun
Biochem Genet
Biochem J
Biochem Pharmacol
Biochem Physiol Pflanz BPP
Biochemistry (Easton)
Biochim Biophys Acta
Biochimie
Biol Conserv
Biol J Linn Soc
Biol Zentralbl
Biologia
Biologia, Ser A Bot
Biologia, Ser B Zool
Biopolymers
Biorheology
BIOS
BioScience
Biotechnol Bioeng
Biotropica
Blatter Landtech
Bol Estac Exp Agric (Tucuman)
Bol Mus Para Emilio Goeldi, Nova Ser, Zool
Bol Tec Univ Chile Fac Cienc For
Bot Gaz
Bot J Linn Soc
Bot Kozl
Bot Mar
Bot Zh
Br J Nutr
Br J Pharmacol
Br Sugar Beet Rev
Branntweinwirtschaft
Bull A S P S (Afr Suc Plant Soc)
Bull Acad Pol Sci, Ser Sci Biol
Bull Agric Exp Stn Auburn Univ
Bull Agric Exp Stn Div Agric Univ Arkansas
Bull Agric Exp Stn N C State Univ Raleigh
Bull Am Dahlia Soc
Bull Am Meteorol Soc
Bull Anc Eleves Ec Meun ENSMIC (Ec Natl Super Meun Ind Cereal
Bull Calif Dep Water Resour
Bull Conn Univ Coop Ext Serv
Bull Coop Ext Serv Univ Ga Coll Agric
Bull Entomol Soc Am
Bull Environ Contam Toxicol
Bull Exp Biol Med
Bull Fac Agric Meiji Univ
Bull Fac Agric Univ Miyazaki
Bull Grain Technol
Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Bull Inf CNEEMA (Cent Natl Etud Exp Mach Agric)
Bull Inf Rizic Fr
Bull Iwata Tob Exp Stn
Bull Landbouwproefstn Suriname
Bull Mens Soc Linn Lyon
Bull Miss Agric For Exp Stn
Bull O I V
Bull Off Int Epizoot
Bull Sci Inst Text Fr
Bull Seoul Natl Univ For
Bull Soc Bot Fr
Bull Soc Entomol Fr
Bull Soc Hist Nat Afr Nord
Bull Soc Linn Normandie, 8e Ser
Bull Soc R For Belg
Bull Soc Sci Hyg Aliment
Bull Soc Sci Nat Ouest Fr
Bull South Calif Acad Sci
Bull Tech Inf Minist Agric (Paris)
Bull Tex Agric Exp Stn Coll Stn
Bull Torrey Bot Club
Bull Trimest Soc Mycol Fr
Bull Trop Agric Res Train Cent (Turrialba)
Bull Univ Nebr State Mus
Bull Univ Osaka Prefect, Ser B Agric Biol
Bull Univ Tenn Agric Exp Stn
Bull W H O
Bull Water Res Inst Appala Cent W Va Univ
Bull Water Resour Res Cent Va Polytech Inst State Univ
Bunseki Kagaku
Buvar
C Coop Ext Serv Max C Fleischmann Coll Agric Univ Nev Reno
C R Acad Bulg Sci
C R Hebd Seances Acad Sci, Ser D Sci Nat
C R Trav Lab Carlsberg
Cac Suc J G B
Cah Med Vet
Cah Nat
Calif Vet
Cameroun Agric Pastor For
Campo Bol Inf Agrar Banco Bilbao
Can Entomol
Can Field Nat
Can For Ind
Can Home Econ J
Can J Biochem
Can J Bot
Can J Chem
Can J Microbiol
Can J Plant Sci
Can J Zool
Candollea (
Cane Grow Q Bull Queensl Bur Sugar Exp Stn
Carbohydr Res
Cattlemen
Cell Differ
Cell Immunol
Cell Mass Inst Technol
Cell Tissue Res
Cellul Chem Technol
Cereal Chem
Cereal Foods World
Cereal Rusts Bull Eur Mediterr Cereal Rusts Found
Ceres
Champignon
Chem Ber
Chem Commun
Chem Era
Chem Heterocycl Compd
Chem Nat Compd
Chem Pharm Bull
Chih-wu Hsueh-pao
Chmelarstvi
Chromosoma
Circ Agric Exp Stn Auburn Univ
Circ Coop Ext Ser Univ Ga Coll Agric
Circ Coop Ext Serv Coll Agric Univ Ill
Circ Coop Ext Serv Univ Hawaii
Circ Estac Exp Agric (Tucuman)
Circ Fla Agric Exp Stn Inst Food Agric Sci Univ Fla Gainesville
Circ N C Agric Ext Serv
Citrograph
Citrus Sub-Trop Fruit J
Citrus Veg Mag
Clin Exp Immunol
Clin Pediatrics
Clin Vet
Coccidologist's Newsl
Coconut Bull
Collect Czech Chem Commun
Comp Biochem & Physiol B, Comp Biochem
Comp Biochem & Physiol C, Comp Pharmacol
Conn Greenhouse Newsl
Connaiss Vigne Vin
Consumer Reports
Cotton Grow Rev
Countryside & Small Stock J
CRC Crit Rev Microbiol (Chem Rubber Co)
CRC Crit Rev Toxicol (Chem Rubber Co)
Cryobiology
Ctry Life
Cuad Bot Canaria
Cultivar
Curr Sci
Cytobiologie
Cytobios
Dairy Herd Manage
Dairy Ind
Dairy Tales
Dairyfarming Annu
Dan Erhvervsfjerkrae
Def Veg
Delphiniums
Dep Vet Q S Roger Bellon
Det Nye Dan Landbrug
Dev Biol
DFRC Proc (Distill Feed Res Counc)
DLZ (Die Landtech Z)
Doc Int Dairy Fed
Dokl Acad Sci U S S R , Earth Sci Sect
Dokl Akad Nauk SSSR
Dokl S-kh Akad Im Georgiia Dimitrova
Dokl Vses Akad S-kh Nauk
Dottore Sci Agrar
Drug Metab Rev
DSAC Dixon Springs Agric Cent
East Afr Agric For J
Ecol Food Nutr
Ecol Model
Ecol Res Ser EPA U S Environ Prot Agency
Econ & Polit Wkly
Econ Agric
Econ Hist Rev
Egg Ind

Einzelbericht Forschungsges Agrarpolit Agrarsoziologie Bonn
Ekon Sel'sk Khoz
Ekon Sov Ukr
Elastomeros
Ellenike Kteniatr
EM Coop Ext Serv Coll Agric Wash State Univ
Encycl Plant Physiol New Ser
Endeavour
Endocrinology
Energy Syst & Policy
ENT Univ Ky Coll Agric Coop Ext Serv
Entomol Exp Appl
Entomol News
Entomol Newsl
Entomol Obozr
Environ Health Eff Res Ser EPA
Environ Physiol Biochem
Environ Prot Technol Ser EPA
U S Environ Prot Agency Erdo
ERFA (Erdogazdasag Faipar)
ERS U S Dep Agric Econ Res Serv
Esakia
Essays Biochem
Estuarine Coastal Mar Sci
Etud CNEEMA (Cent Natl Etud Exp Mach Agric)
Eur J Appl Microbiol
Eur J Biochem
Eur J For Pathol
Evolution
Exec Health
Exp Anim
Exp Cell Res
Exp Rep Equine Health Lab
Experientia
Ext Bull Agric Ext Serv Univ Minn
Ext Bull ASPAC Food Fert Technol Cent (Asian Pac Counc)
Ext Bull Mich State Univ Coop Ext Serv
Ext Circ Ext Serv Oreg State Univ
Ext Fol Agric Ext Serv Univ Minn
Ext Serv Rev U S Dep Agric
Ext Stud Pa State Univ Ext Serv
F. O. Licht's Int Sugar Rep
Fact Sheet Oreg State Univ Ext Serv
Factsheet Ont Minist Agric Food
Farm Chem
Farm Ed Sci
Farm For
Farm Manage Ill Univ Dep Agric Econ
Farm Mech Stud G B Agric Dev Advis Serv
Farm Revy
Farmers Bull
Farmers Bull U S Dep Agric
FATUS (Foreign Agric Trade U S)
Fauna, Nor Zool Foren Tidsskr
FCS Inf U S Dep Agric Farmer Coop Serv
FDA Consumer
FEBS Lett (Fed Eur Biochem Soc)
Feedstuffs
Feld Wald Wasser Schweiz Jagdztg
Feldwirtschaft
Fennia
Fermes Mod
Field Notes U S For Serv
Fiziol Biokhim Kult Rast
Fiziol Rast (Mosk)
Fleischerei
Flora West Pak
Flower Nursery Rep Commer Grow Coop Ext Univ Calif
Folia Biol (Praha)
Folia Biol (Warsaw)
Folia For
Folia Geobot Phytotaxon
Folia Microbiol
Folia Parasit
Food Cosmet Toxicol
Food Eng
Food Ind S Afr
Food Management
Food Manuf
Food Nutr
Food Prod Dev
Food Serv Mark
Food Technol
For Chron
For Comm For Rec (Lond)
For Comm Leafl (Lond)
For Notes
For Prod J
For Res what's new west
For Sci
For Sci Monogr
For Tech Pap For Comm (Victoria)
Forage Notes
Forderungsdienst
Forecast Home Econ
Foreign Agric Circ, Citrus Fruits, FCF U S Dep Agric Foreign Agric Serv
Foreign Agric Circ, Cocoa FCB (U S Dep Agric)
Foreign Agric Circ, Livest Meat FLM (U S Dep Agric)
Foreign Agric Circ, Sugar FS (U S Dep Agric)
Foreign Agric Econ Rep U S Dep Agric Econ Res Serv
Foreign Agric U S Foreign Agric Serv
Forestry (Wallingford-on Thames)
Forst Holzwirt
Fortschr Bot
Fortschr Zool
Fragm Florist Geobot
Front Plant Sci
Frugtavleren
Fruit Belg
FVMPA Butter-Fat (Frazer Val Milk Prod Assoc)
Garcia Orta Ser Zool
Gaz Apic
Gaz Chim Ital
Gazdalkodas
Gemuse
Gen & Comp Endocrinol
Genet Res
Genetica
Genetics
Genetika
Geochim Cosmochim Acta
Geoderma
Geogr Rev
Geol Soc Am Bull
Geol Surv Prof Pap U S Dep Inter
Gestenc Meded Landbouwhogesch Afd Landbouplant Graslandcult
Gestencild Versl Lab Tuinbouwplantenteelt Landbouwhogesch (Wageningen)
Ghana J Agric Sci
Giessen Beitr Erbpathol Zuchyg
Gorskostop Nauka
Grasas Aceites
Great Basin Nat
Great Lakes Entomol
Grounds Maint
Growth
Grune
Harvestore Farmer
Haryana J Hortic Sci
Hassadeh
Haven
Hoards Dairym
Hog Farm Manage
Home Econ Res J
Home Gard Bull U S Dep Agric
Hoppe Seylers Z Physiol Chem
Horm & Behav
Horseman
Hortic Vitic Sci
Hung Econ
Hydrobiologia
Hydrotech Constr
I C A Informa (Inst Colomb Agropecu)
Imkerfreund
Immunochemistry
Immunology
Impact Sci On Soc
In Animal Disease Monitoring. D. G. Ingram, W. R. Mitchell, & S. W. Martin, eds.
In Colorado River Basin Environmental Management Conference, Proceedings
In Communicative Behavior & Evolution. M. E. Hahn & E. C. Simmel, eds.
In Differentiation of Xylem, Morphotgenesis and Regulation Final Technical Report
In Focus on Environmental Geology. R. Tank, ed.
In Genezis i geografiia pochv zarubezhnykh stran po issledovaniiam sovetskikh geografov
In Immobilized Enzyme Technology: Research & Applications. H. W. Weetall & S. Suzuki, eds.
In L'alpha-foeto-proteine: compte rendu de la conference internationale
In Les mycoplasmes de l'homme, des animaux, des vegetaux et des insectes: congres international
In Markets in Oaxaca. S. Cook & M. Diskin, eds.
In Population Genetics & Ecology. S. Karlin & E. Nevo, eds.
In Potassium in Tropical Crops and Soils
In Proc FAO/SIDA Semin Improv Prod Field Food Crops Plant Sci Afr Near East
In Proceedings of an International Symposium on Water Relations of Foods
In Proceedings of the International Congress of Radiation Research
In Proceedings of the International Symposium on Remote Sensing of Environment
In Proceedngs of the International Symposium on Remote Sensing of Environment
In Report Welsh Plant Breeding Station University College of Wales Aberystwyth
In Single Cell Protein II, International Conference on Single Cell Protein
In Study of Agricultural Systems. G. E. Dalton, ed.
In Symp on Green Revolution
In Symposium on Isotope Ratios as Pollutant Source and Behaviour Indicators
In The People's Land: a Reader on Land Reform in the United States. P. Barnes, ed.
In Tracer Studies on Non-Protein Nitrogen for Ruminants II; Proceedings of a Res Co-ord Meet & Panel
In Wirkungsmechanismen von Herbiziden und synthetischen Wachstumsregulatoren Symposium
Ind Aliment
Ind Aliment Anim
Ind Lemnul
Indian Cashew J
Indian Dairym
Indian Drugs
Indian J Agric Econ
Indian J Dairy Sci
Indian J Ecol
Indian J Microbiol
Indian J Nutr Diet
Indian J Pharm
Indian J Power River Val Dev
Indian Phytopathol
Indian Poult Gaz
Indian Sugar
Indian Vet J
Inf Agric (Paris)
Inf Agropecu, Ser H Estad Panam
Inf Internes Agric
Inf Tec INTA (Inst Nac Tecnol Agropecu Manfredi)
Infect Immun
Insect Biochem
Insectes Mal Arbres Reg Que
Instit Distrib
Instit/vol Feeding
Int Biodeterior Bull
Int Camellia Soc J
Int J Biochem
Int J Biometeorol
Int J Insect Morphol Embryol
Int J Parasitol
Int Rev Cytol
IPIRI J (Indian Plywood Indus Res Inst)
Ir Vet J
Ital Agric
Izv Timiriazevsk S-kh Akad
J Agric Assoc China
J Agric Eng Res
J Agric Food Chem
J Agric (Melb)
J Agric Soc Trinidad Tobago
J Agric South Aust
J Agric Univ P R
J Agric West Aust
J Air Pollut Control Assoc
J Am Assoc Teach Educ Agric
J Am Chem Soc
J Am Diet Assoc
J Am Leather Chem Assoc
J Am Oil Chem Soc
J Am Soc Hortic Sci
J Am Soc Sugar Beet Technol
J Am Vet Med Assoc
J Am Water Works Assoc
J Anim Ecol
J Anim Sci
J Appl Chem
J Appl Meteorol
J Appl Polym Sci
J Bacteriol
J Biochem (Tokyo)
J Bioenerget
J Biogeogr
J Biol Chem
J Biosoc Sci
J Can Diet Assoc
J Cell Biol
J Cell Physiol
J Chem Ecol
J Chem Soc, Perkin Trans I
J Chem Soc, Perkin Trans II
J Chromatogr
J Clin Microbiol
J Coll Sci Teach
J Comp Pathol
J Comp Physiol
J Comp Physiol Psychol
J Dairy Res
J Dairy Sci
J Econ Hist
J Endocrinol
J Entomol Soc B C
J Environ Manage
J Exp Biol
J Exp Bot
J Exp Mar Biol Ecol
J Exp Zool
J Ext
J Fac Agric Kyushu Univ
J Fish Res Board Can
J Flour Anim Feed Milling
J For
J For Suisse
J Ga Entomol Soc
J Gen Appl Microbiol
J Gen Microbiol
J Gen Physiol
J Gen Virol
J Genet
J Hered
J Histochem Cytochem
J Hokkaido For Prod Res Inst
J Hortic Sci
J Hydrol
J Immunol Methods
J Ind And Trade
J Indian Acad Wood Sci
J Insect Physiol
J Invertebr Pathol
J Jap Bot
J Kans Entomol Soc
J Lipid Res
J Microsc (Paris)
J Milk Food Tech
J Milk Food Technol
J Mol Biol
J Morphol
J Natl Assoc Coll Teach Agric
J Nematol
J Nutr Educ
J Org Chem
J Parasitol
J Physiol
J Physiol (Paris)
J Polym Sci, Part B Polym Lettr
J R Hortic Soc
J Range Manage
J Res Haryana Agric Univ
J Res U S Geol Surv
J Sci Ind Res
J Sci Soil Manure
J Small Anim Pract
J Soil Sci
J Steroid Biochem
J Suisse Apicul
J Text Inst
J Text Mach Soc Jap
J Theor Biol
J Turk Phytopathol
J Ultrastruct Res
J Virol
J Water Pollut Control Fed
J Wildl Dis
J Zool
Jap J Ecol
Jap J Genet
Jap J Microbiol
Jap J Nutr
Jap J Sanit Zool
Jap J Vet Res
Jap J Zootech Sci
Jap Pestic Inf
Jap Poult Sci
Jarmuvek, Mezogazd Gepek
Jordbruksekon Medd
Kadry Sel'sk Khoz
Kakteen Sukkulenten
Kartofel Ovoschi
Kartoffelbau
Kenya Cof
Kerala J Vet Sci
Khim Sel'sk Khoz
Kooperation
Kumamoto J Sci, Ser B, Sec 2 Biol
Lab Anim Sci
Lait
Lambillionea
Lancet
Landbouwkd Tijdschr
Landbouwmechanisatie
Landbrukstidende
Landscape Plann
Lantbrukshogsk Medd, B (Upps)
Lantbrukshogsk Medd, Ser A
Lantmannen
Le Cafe
Leafl Coop Ext Serv Univ Arkansas Div Agric
Leafl U S Dep Agric
Lect Harold L Lyon Arbor
Letzeburger Beien Ztg
Life Sci
Light Gard
Limnol Oceanogr
Livest Breed J
Lloydia
Lohnunterne Land Forstwirtsch
Lond Nat
Madras Agric J
Maelkeritidende
Magy Allatorv Lapja
Makromol Chem
Malays Agric Res
Mar Biol
MARDI Res Bull (Malays Agric Res Dev Inst)
Mark Res Rep Agric Econ Res Unit Lincoln Coll
Mark Res Rep U S Dep Agric
Mcilvainea J Am Amat Mycol
Meat Ind (Pretoria)
Mech Zemed
Medd Jordbruk Utredningsinst
Medd Landokon Driftsbur (Kobenh)
Medd Nor Tretek Inst
Meded Landbouwhogesch Wageningen
Media & Methods
Meheszet
Meieriposten
Mejeribrugets Uge-Nyt
Meld Nor Landbrukshogsk
Mem Queensl Mus
Mem Soc Entomol Que
Metabolism
Mezogazd Tech
Mich Bot
Mich Farm Econ
Microb Ecol
Microbios
Mikrobiol Zh
Mikrochim Acta
Milchwissenschaft
Mimeogr Ser Univ Arkansas Agric Exp Stn
Minn Dairyman Agric Ext Serv Univ Minn
Misc Publ U S Dep Agric
Misc Rep Life Sci Agric Exp Stn Univ Maine Orono
Misc Rep Minn Agric Exp Stn
Mitt Biol Bundesanst Land Forstwirtsch (Berlin-Dahlem)
Mitt DLG (Dtsch Landwirtsch Ges), Ausg A
Mitt Rebe Wien Ostbau Fruchteverwert
Mod Sawmill Tech Proc Sawmill Clin
Mod Vet Pract
Modern Schools
Mol Cell Biochem
Mol Gen Genet (MGG)
Mol Pharmacol
Molk-Ztg Welt Milch
Mon Bull Bermuda Dep Agric Fish
Monogr Bot
Mosc Univ Chem Bull
Mosq News
MP Vt Agric Exp Stn Univ Vt
Mushroom J
Mutat Res
Myforest
N D Farm Res
N S W Dairyman
N Z Agric Sci
N Z J Dairy Sci Technol
N Z J Geol Geophys
N Z J Zool
N Z Soil News
N Z Trob Grow J
N Z Vet J
Na Okika O Hawaii (Hawaii Orchid J)
Nat Belg
Nat Res J
Natl Cac Suc J
Natl Food Situation
Natl Wool Grow
Naturalist
Nature

Nauch Dokl Vyssh Shk, Biol Nauk
Ned Bosbouw Tijdschr
Ned Melk Zuiveltijdschr
Nematologica
Neth J Agric Sci
Neth J Plant Pathol
Neth J Zool
Neue Bienenzucht
Neuroendocrinology
New Phytol
New Sci (London)
NIAB Farmers Leafl (Natl Inst Agric Bot)
Niederschr Arbeitstag Landesaussch
Niger J Econ Soc Stud
Nihon Sanshi Gakkai Nippon Sanshigaku J Seric Sci Jap
Nippon Sochi Gakkai Shi
Nor Landbruk
Nor Pelsdyrbl
Nor Skogind
Nor Veterinaertidskr
Nord Veterinaermed
North Cent Reg Res Publ
North Log Timber Process
North Staffordsh J Field Stud
Northwest Sci
Nota INF Mex Dir Gen Inventario Nac For
Note Rech Laval Univ Dep Exploit Util Bois
No-Till Farmer
Nova Acta Leopold
Nucleus
Nutr & Clin Nutr
Nutr Program News
Nutr Rep Int
Nutr Rev
Nutr Today
O E C D Rep Dtsch Landwirtsch Ges E V Prufungsabt Landmasch
Occas Rep Va Div For Dep Conserv Econ Dev
Occup Outlook Quarterly
Oecol Plant
Ohio J Sci
Oikos, Acta Oecol Scand
Oil Palm News
Okla Curr Farm Econ
Opera Bot Ser B Flora Ecuador
Options Mediterr
Orchard N Z
Oreg Agri Rec
Oreg Agric Prog
Ovochivnytstvo & Bashtannytstvo
Ovtsevodstvo
Oxf Econ Pap
P R Tex Agric Exp Stn Coll Stn
PA U S Dep Agric
Pac Discov
PAG Bull Protein-Calorie Advis Group U N Syst
Pak Cottons
Pak J Bot
Pamiet Pulawski
Pap Celul
Pap Proc R Soc Tasman
Pap Puu
Papier
Parazitologiia
Parent's Magazine
Pastor Rev
PB Natl Tech Inf Serv Commer
PB U S Natl Tech Inf Serv
Pchelovodstvo
Peanut J Nut World
Pedologist
Pepinier Hortic Maraich
Personnel J
Pest Control
Pestic Monit J
Pesticides
Pflugers Arch
Phillip J Sci
Philos Trans R Soc Lond, Ser B Biol Sci
Phospho Potas
Photochem Photobiol
Photogramm Eng Remote Sensing
Photosynthetica
Phycologia
Physiol Chem Phys
Physiol Plant
Physiol Plant Pathol
Phytiatr Phytopharm
Phytochemistry
Phytoma
Phyton
Phyton Ann Bot
Phytopathol News
Phytopathol Z
Phytopathology
Phytophylactica
Pig Farming
Plant Cell Physiol
Plant Dis Rep
Plant Physiol
Plant Prot Bull (Rome)
Plant Sci Bull
Plant Sci Lett
Plant Soil
Planta
PM Coop Ext Serv Iowa State Univ
Pochvovedenie
Pol Arch Hydrobiol
Pol'nohospodarstvo
Pork Ind Gaz
Postepy Nauk Roln
Potato Res
Poult Advis
Poult Guide
Poult Ind
Poult Notes N S W Dep Agric
Power Farming
Pr Habfitacyjne Poznan Akad Roln
Pr Inst Badaw Lesn
Prakt Schadlingsbekampf
Prevention
Principes
Probl Evol
Proc Agric Res Inst (Wash, D C)
Proc Annu Meet Am Soc Brew Chem
Proc Annu Refresher Course Nurserymen Pershore Coll Hortic
Proc Crop Sci Soc Jap
Proc Entomol Soc Wash
Proc Eur Mar Biol Symp
Proc Fert Soc Lond
Proc Helminthol Soc Wash
Proc Indian Acad Sci, Sec B
Proc Indian Natl Sci Acad, Part B Biol Sci
Proc Inst Food Sci Technol (U K)
Proc Jap Acad
Proc K Ned Akad Wet, Ser C Biol Med Sci
Proc Linnean Soc N S W
Proc Membersh Roster Nut Gr/w Soc Oreg Wash
Proc Natl Acad Sci U S A
Proc Nutr Conf Feed Manuf
Proc R Soc Lond, B Biol Sci
Proc Soc Exp Biol Med
Proc Soil Conserv Soc Am
Proc Soil Sci Soc Am
Proc Turfgrass Sprinkler Irrig Conf
Process Biochem
Prog Agric Vitic
Prog Biometeorol Div C Prog Plant Biometeorol
Prog Farmer (Birmingham)
Prog Farming
Prog Fish Cult
Prog Food Nutr Sci
Prog Toxicol Spec Top
Prostaglandins (Los Altos)
Protoplasma
Przegl Geogr
Psychosomatic Medicine
Publ Agric Can
Publ Ext Serv Miss State Univ Coop U S Dep Agric
Publ Fac Agric Sci (Beirut)
Publ Landbouw Econ Inst Afd Tuinbouw
Publ Landbouw Econ Inst Afd Viss Bosbouw
Publ R Univ Wis Coll Agric Life Sci
Pulp & Pap Can
Pure Appl Chem
Quaest Geobiol
Quick Frozen Foods
Rapp Proefstn Rundveehouderij
Rapp Uppsats Inst Skogstaxer Skogshogsk (Stockh)
Rassenber IVRO Wageningen (Inst Rassenonderz Landbouwgewassen)
Rastenievud Nauk
Recent Adv Phytochem
Rep Dep Agric Econ Univ Nebr Coll Agric Home Econ Agric Exp Stn
Rep Taiwan Sugar Res Inst
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Sucr Fr
Sugarbeet
Sulphur Inst J
Sven Bot Tidskr
Sven Frotidn
Sven Papperstidn
Sver Skogvardsforb Tidskr
SYR Inf (Sver Yrkesfruktodl Riksforb)
Tabak
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TAG (Theor Appl Genet)
Taxon
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